

MAINTENANCE OF TRAFFIC NOTES

1. TRAFFIC AND SAFETY MEASURES SHALL BE IN CONFORMANCE WITH THE FOLLOWING, AND THE LATEST REVISIONS THERETO:
  - a) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
  - b) THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS.
  - c) THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS.
  - d) THE VIRGINIA WORK AREA PROTECTION MANUAL.
2. UNLESS OTHERWISE APPROVED OR DIRECTED BY THE VDOT ENGINEER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION OUTLINED BELOW.
3. THE SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC SHOW THE MAJOR TRAFFIC CONTROL AND THE SEQUENCING OF CONSTRUCTION. THE DAILY CONTROL OF TRAFFIC, INCLUDING THE PROVISION, PLACEMENT, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE TRAFFIC CONTROL DEVICES REQUIRED ARE AS SHOWN ON THE PLAN AND THE IDENTIFIED FIGURES OF THE VIRGINIA WORK PROTECTION MANUAL.
4. HOURS OF FLAGGING OPERATION SHALL BE AS STATED IN PERMIT.
5. TYPE C STEADY-BURN LIGHTS REQUIRED ON BARRIERS LEFT IN PLACE DURING NON-WORKING HOURS.

MOT SEQUENCE OF CONSTRUCTION

1. CONSTRUCT ENTRANCE, PROPOSED TURN LANE AND ACCEL LANE FOR PROPOSED SCOTT JENKINS MEMORIAL PARK.
2. UPON COMPLETION OF CONSTRUCTION ALL LANES SHALL BE STRIPED IN ACCORDANCE WITH THE APPROVED SIGNAGE AND PAVEMENT MARKING PLAN.
3. FLAGGING OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH FIGURE OPERATION TTC 18.0.

TYPICAL TRAFFIC CONTROL  
FLAGGING OPERATION ON TWO-LANE ROAD  
(FIGURE TTC-18.0)

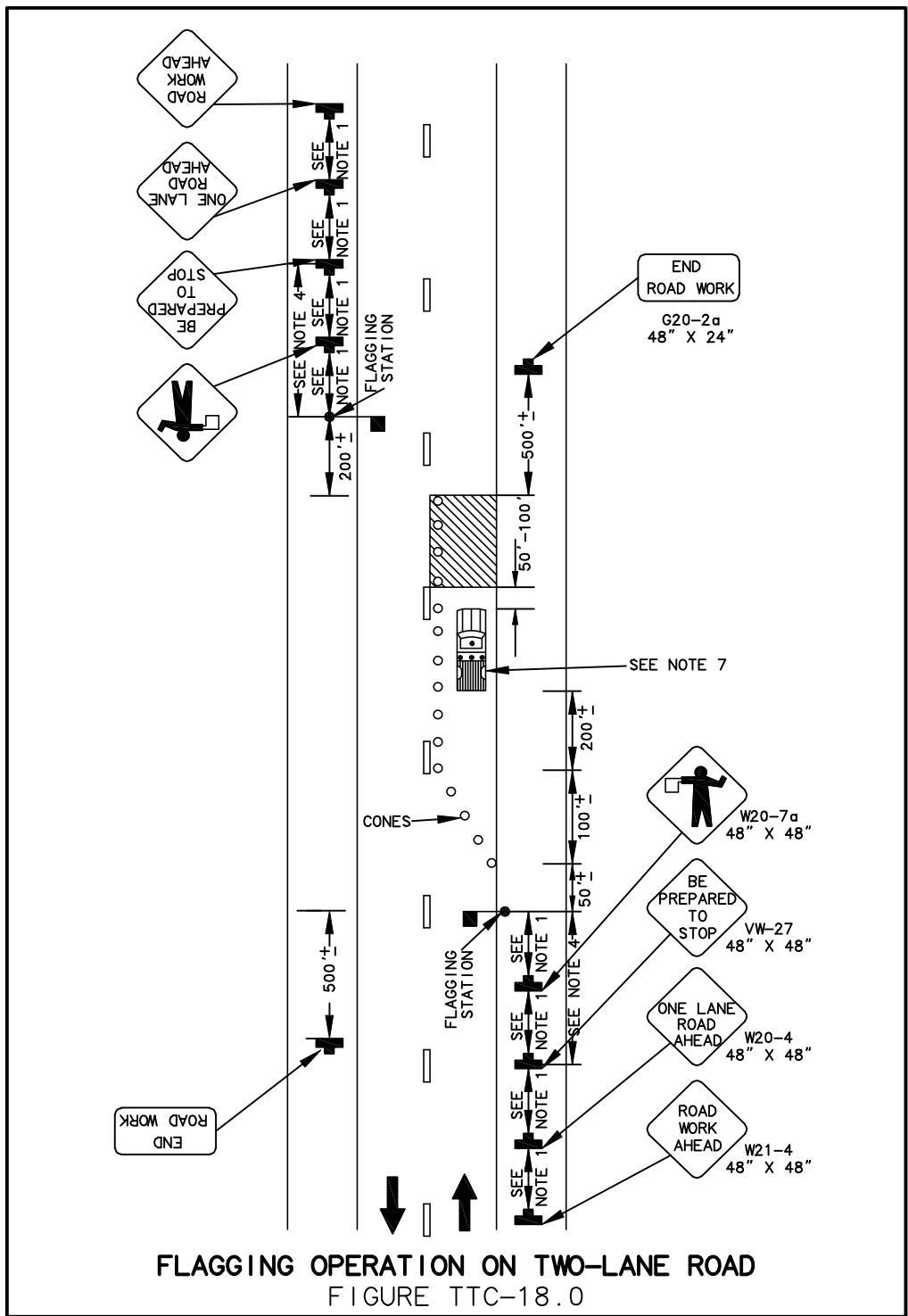
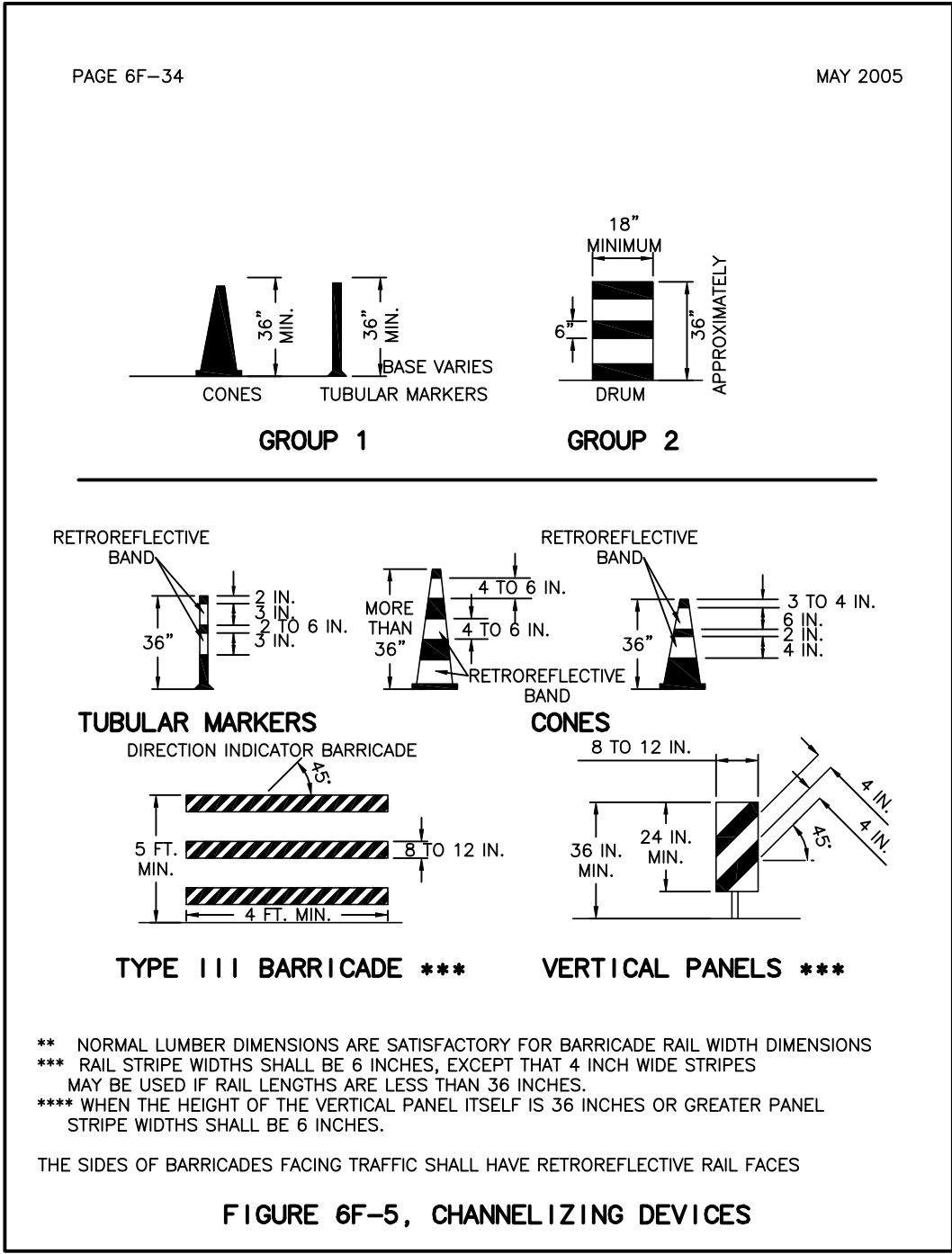
1. SIGN SPACING DISTANCE SHOULD BE 500'-800' WHERE THE POSTED SPEED LIMIT IS GREATER THAN 45 MPH, AND 350'-500' WHERE THE POSTED SPEED LIMIT IS 45 MPH OR LESS.
2. CARE SHOULD BE EXERCISED WHEN ESTABLISHING THE LIMITS OF THE WORK ZONE TO INSURE MAXIMUM POSSIBLE SIGHT DISTANCE IN ADVANCE OF THE FLAGGER AND TRANSITION, BASED ON THE POSTED SPEED LIMIT AND AT LEAST EQUAL TO OR GREATER THAN THE VALUES IN APPENDIX A, PAGE A-8.
3. WHERE R/W OR GEOMETRIC CONDITIONS PREVENT THE USE OF 48" X 48" SIGNS, 36" X 36" SIGNS, MAY BE USED.
4. FLAGGING STATIONS SHALL BE LOCATED FAR ENOUGH IN ADVANCE OF THE WORK ZONE TO PERMIT APPROACHING TRAFFIC TO REDUCE SPEED AND/OR STOP BEFORE PASSING THE WORK ZONE AND ALLOW SUFFICIENT DISTANCE FOR DEPARTING TRAFFIC IN THE LEFT LANE TO RETURN TO THE RIGHT LANE BEFORE REACHING OPPOSING TRAFFIC.
5. ALL FLAGGERS SHALL BE STATE CERTIFIED AND HAVE THEIR CERTIFICATION CARD IN THEIR POSSESSION WHEN PERFORMING FLAGGING DUTIES. (SEE SECTION 6E.01, QUALIFICATIONS FOR FLAGGERS)
6. CONE SPACING SHALL BE AT THE FOLLOWING:

LOCATION	SPEED (MPH)
TRANSITION SPACING	0-35 20' 36+ 40'
TRAVELWAY SPACING	40' 80'
7. A SHADOW VEHICLE WITH AT LEAST ONE ROTATING AMBER LIGHT OR HIGH INTENSITY AMBER STROBE LIGHT SHALL BE PARKED 50'-100' IN ADVANCE OF THE FIRST WORK CREW.
8. A SUPPLEMENTAL FLAGGER MAY BE REQUIRED IN THIS AREA TO GIVE ADVANCE WARNING OF THE OPERATION AHEAD BY SLOWING APPROACHING TRAFFIC PRIOR TO REACHING THE FLAGGER STATION OR QUEUED TRAFFIC.
9. IF THE QUEUE OF TRAFFIC REACHES THE "BE PREPARED TO STOP" SIGN, THEN THE SIGNS SHOULD BE READJUSTED AT GREATER DISTANCES.
10. CONES MAY BE ELIMINATED WHEN USING A PILOT VEHICLE OPERATION.

POSTED SPEED	DISTANCE (FEET)
≤20	115-125
25	155-165
30	200-210
35	250-260
40	305-320
45	360-375
50	425-440
55	500-520
60	570-590

TABLE 6H-4, FLAGGER DISTANCE FROM WORK AREA

SIGN SCHEDULE							
SIGN LEGEND							
ST'D NO.	VW28	VW28	W20-7a	VW27	W20-4	W21-4	G20-2a
PANEL SIZE	48" x 48"	48" x 48"	48" x 48"	48" x 48"	48" x 48"	48" x 48"	48" x 24"
QTY.	1	1	2	2	2	2	2



NO.	DESCRIPTION	DATE	CHKD
1	ADDED THE WORD "SUGGESTED" TO THE TITLE OF THIS SHEET	10/13/10	BTN
REVISION			



PROJECT

**SCOTT JENKINS  
MEMORIAL PARK  
PHASE 1**

CATOCTIN ELECTION DISTRICT  
LOUDOUN COUNTY, VIRGINIA

TITLE

**SUGGESTED MAINTENANCE OF  
TRAFFIC PLAN**

**Patton Harris Rust & Associates**  
Engineers. Surveyors. Planners. Landscape Architects.

**PHR+A**

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DESIGN	JDB	SURVEY	AERIAL
DRAWN	JDB	DATE	SEP 17, 2010
CHECKED	BTN	SCALE	1"=50'
SHEET	C32A	FILE NO.	13608-2-0
OF	C46		